MODIFIED E-LEARNING & TEACHING FOR BETTER LEARNING AND TEACHING EXPERIENCE (VR,AR LEARNING)

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ABSTRACT

Now-a-days people are finding Internet as a best place to learn something .So taking that into consideration this project will enhance the teaching and learning method over on the Internet. We will be providing the online coaching center for the students those who are disabled and also for those who love to learn through the Internet. Maybe those who don't find the internet as the best solution to study things, maybe they will also be finding this as the best thing to learn. In this project students will be taught in a virtual reality. That means those who are going to enroll for the courses they will be learning in the virtual reality. Even if they will be not there, they will feel like they are actually in the classroom. This will be very much helpful for the disabled people who are not actually able to travel along. This will also be helpful in giving the Live Seminar without actually going to the institutes. They can interact with the colleague in the session. That means those who ever will be enrolled for the same courses then those can interact with other. And even the tutor can interact with the students for doubt solving session.

KEYWORDS: VR,E-Learning, Ar.

INTRODUCTION:

What is e-learning, e-Learning is nothing but people who want to study online so that they can take the help of internet to search about what they want so that they can learn online some people find it very easy to learn online but there are some people who don't know how to learn or how to search online so these type of people will be getting very difficulties while learning online. So we are providing VR Learning. People will find it very easy to learn online because they will be experiencing VR Learning on the online so that they can get the most out of it from the VR learning in case anyone is not interesting studying online so because of this project the people who was finding it difficult to learn online they will also be very easily getting all the things which are there there on the internet, virtual reality is one of the most interesting subject to deal with because it actually give you the experience with anyone is taking in the real life there are many things which will attract people to coming online for the study as we will be giving the virtual reality platforms, so everyone will be interested in that because everyone getting the

knowledge with the help of virtual reality.

Facilities provided in this project will be like someone who wants to talk with other friends so they can talk with others also and someone wants to interact with the teacher for the problem solving so they can interact with the teacher at that particular time they are learning so that teacher can help them with their problems and provide the solution for the students so that they can get the most of out of it. There will be free courses available for the students those who want to take the demo so that they can analyze what the website about so that they can be interested in the website.

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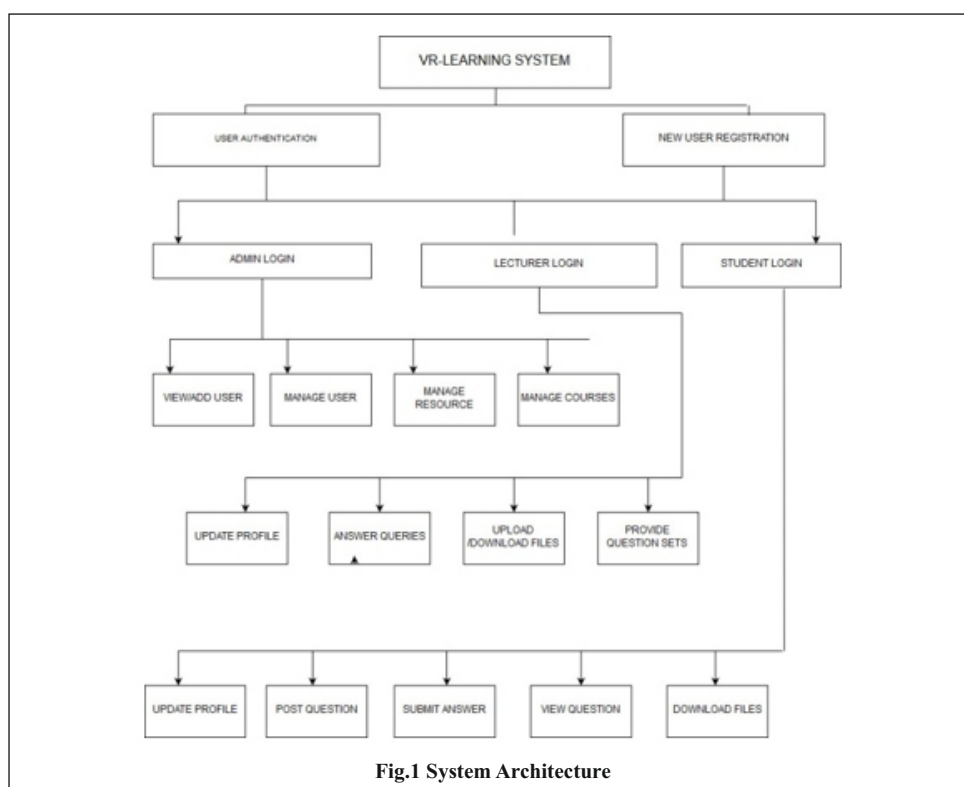
SYSTEM ARCHITECTURE:

Fig.1 System Architecture

VR-LEARNING SYSTEM:

VR learning system is nothing but which will provide user a facilities of VR learning the teacher will provide video lectures that will be in virtual reality that means a 3600 videos will be provided to the students so that they can view that video in a VR Box.

Fig. 2: VR BOX

VR Box is nothing but which is used to view a 3600 video. So students will be using this VR box to see the videos which will be provided by us, this will make studying interesting and enjoyable

TALK WITH EACH OTHER:

The students who will be there for the learning can interact with each other such that they can communicate with each other as if we actually talk in the lecture. And at that time they can also ask the teacher the problems which they are having. This idea came from games, which have facility to talk with other team members.So why not use this feature in the studies such that everyone can show their queries to the lecturer and among themselves. This feature can help the students in a way that we actually do in the class.

LIVE SEMINAR:

This will help for the distance learning, there are some people who are not able to migrate from one place to other place so in that case a people with our team will help them to sit in the live seminar, so that they can learn from the seminar, for example, every college conduct seminar on particular topics so in that scenario people from the conducting seminar comes to the college and give the seminar, so this will help them also to conduct the seminar from their convenient place without actually coming to the college.

VR VIDEOS:

The facilities which are being provided to the students will be in the form of VR videos, so that they can view that video in the VR box, it will make the learning more interesting and attractive.

AR FACILITY:

With The help of AR Technology we are enhancing the E-learning

LIVE QUESTIONING:

People or students can questionnaire with the lecturer for their topic live, that means the students will not have to wait for their queries to be solved they will be the solution as early as possible till they are in the session of learning. Teacher will be solving the queries which will be fired by the students as soon as possible till the students there in the session.

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